

| Ref # | Hits | Search Query   | DBs                        | Default Operator | Plurals | Time Stamp       |
|-------|------|--|----------------------------|------------------|---------|------------------|
| L1    | 435  | ((organic\$4 OR acetic\$4 OR formic\$4 OR propionic\$4) NEAR50 (hydro\$1fluoric\$4 OR HF) NEAR50 (nitric\$4 OR HNO3 OR "HNO.sub.3")) | EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/01/05 16:46 |
| L2    | 53   | (oxidiz\$5 OR peroxide\$4 OR ozone\$4 OR sulfuric\$4) NEAR50 (copper\$4 ADJ nitrate\$4)  | EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/01/05 16:47 |
| L3    | 0    | L1 AND L2  | EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/01/05 16:47 |
| L4    | 9044 | ((252/79.1-79.4) or (134/2,3) or (438/745,754) or (216/105,106)). CCLS.  | US-PGPUB; USPAT; USOCR     | OR               | OFF     | 2006/01/05 16:49 |
| L6    | 272  | (oxidiz\$5 OR peroxide\$4 OR ozone\$4 OR sulfuric\$4) NEAR50 (copper\$4 ADJ nitrate\$4)  | US-PGPUB; USPAT; USOCR     | OR               | OFF     | 2006/01/05 16:50 |
| L7    | 13   | L4 AND L6  | US-PGPUB; USPAT; USOCR     | OR               | OFF     | 2006/01/05 16:50 |
| L8    | 3708 | ((organic\$4 OR acetic\$4 OR formic\$4 OR propionic\$4) NEAR50 (hydro\$1fluoric\$4 OR HF) NEAR50 (nitric\$4 OR HNO3 OR "HNO.sub.3")) | US-PGPUB; USPAT; USOCR     | OR               | OFF     | 2006/01/05 16:50 |
| L9    | 196  | L4 AND L8  | US-PGPUB; USPAT; USOCR     | OR               | OFF     | 2006/01/05 16:51 |
| L10   | 0    | L7 AND L9  | US-PGPUB; USPAT; USOCR     | OR               | OFF     | 2006/01/05 16:51 |
| S1    | 1    | ("4851148").PN.  | US-PGPUB; USPAT            | OR               | OFF     | 2006/01/04 13:23 |
| S2    | 11   | NTC\$2 AND organic\$4 AND nitric\$4 AND HF   | US-PGPUB; USPAT; USOCR     | OR               | OFF     | 2006/01/04 10:25 |
| S3    | 1634 | etch\$4 AND (organic\$4 NEAR5 acid\$4) AND (hydro\$1fluoric\$4 OR HF) AND (nitric\$4 OR HNO3 OR "HNO.sub.3")                         | US-PGPUB; USPAT; USOCR     | OR               | OFF     | 2006/01/04 11:08 |
| S4    | 1025 | S3 AND (acetic\$4 OR formic\$4 OR propionic\$4)  | US-PGPUB; USPAT; USOCR     | OR               | OFF     | 2006/01/04 11:09 |
| S6    | 14   | S5 AND (copper\$4 ADJ nitrate\$4)  | US-PGPUB; USPAT; USOCR     | OR               | OFF     | 2006/01/04 10:44 |

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| S7  | 602  | S4 AND semi\$1conduct\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 10:54 |
| S8  | 197  | S7 AND micro\$1scop\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 10:56 |
| S9  | 26   | S8 AND junction\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 10:58 |
| S10 | 448  | S4 AND (metal\$4 NEAR10 ion\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 11:10 |
| S12 | 124  | S10 AND ((metal\$4 NEAR10 ion\$4) NEAR20 (copper\$4 OR magnesium\$4 OR aluminum\$4 OR calcium\$4 OR zinc\$4))    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 15:56 |
| S13 | 452  | etch\$4 AND ((organic\$4 NEAR5 acid\$4) SAME (hydro\$1fluoric\$4 OR HF) SAME (nitric\$4 OR HNO3 OR "HNO.sub.3")) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 13:01 |
| S14 | 216  | S13 AND ((organic\$4 NEAR4 acid\$4) NEAR20 (acetic\$4 OR formic\$4 OR propionic\$4))                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 11:10 |
| S15 | 106  | S14 AND (metal\$4 NEAR10 ion\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 15:56 |
| S16 | 99   | S15 AND ((hydrogen\$4 ADJ peroxide\$4) OR ozone\$4 OR sulfuric\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 13:03 |
| S17 | 1255 | ((organic\$4 NEAR5 acid\$4) NEAR20 (hydro\$1fluoric\$4 OR HF) NEAR20 (nitric\$4 OR HNO3 OR "HNO.sub.3"))         | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 13:35 |
| S18 | 2956 | ((hydrogen\$4 ADJ peroxide\$4) OR ozone\$4 OR sulfuric\$4) NEAR20 (metal\$4 NEAR10 ion\$4)                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/05 13:12 |
| S19 | 19   | S17 AND S18  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 13:03 |
| S20 | 84   | ((hydrogen\$4 ADJ peroxide\$4) OR ozone\$4 OR sulfuric\$4) NEAR20 (copper\$4 ADJ nitrate\$4)                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 15:55 |
| S21 | 1    | S17 AND S20  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 13:23 |

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| S22 | 2739 | ((acetic\$4 OR formic\$4 OR propionic\$4) NEAR20 (hydro\$1fluoric\$4 OR HF) NEAR20 (nitric\$4 OR HNO3 OR "HNO.sub.3"))               | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/05 13:12 |
| S23 | 0    | S22 AND S20  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 13:36 |
| S24 | 21   | S22 AND S18  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 13:37 |
| S25 | 2    | ("3891483").URPN.  | USPAT                        | OR | OFF | 2006/01/04 13:41 |
| S26 | 1484 | S22 AND ((hydrogen\$4 ADJ peroxide\$4) OR ozone\$4 OR sulfuric\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 15:55 |
| S27 | 317  | S26 AND (metal\$4 NEAR10 ion\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 15:56 |
| S28 | 59   | S27 AND ((metal\$4 NEAR10 ion\$4) NEAR20 (copper\$4 OR magnesium\$4 OR aluminum\$4 OR calcium\$4 OR zinc\$4))                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/04 15:57 |
| S29 | 3708 | ((organic\$4 OR acetic\$4 OR formic\$4 OR propionic\$4) NEAR50 (hydro\$1fluoric\$4 OR HF) NEAR50 (nitric\$4 OR HNO3 OR "HNO.sub.3")) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/05 16:46 |
| S32 | 8477 | (oxidiz\$5 OR (hydrogen\$4 ADJ peroxide\$4) OR ozone\$4 OR sulfuric\$4) NEAR50 (metal\$4 NEAR10 ion\$4)                              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/05 13:17 |
| S33 | 272  | (oxidiz\$5 OR peroxide\$4 OR ozone\$4 OR sulfuric\$4) NEAR50 (copper\$4 ADJ nitrate\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/05 16:46 |
| S34 | 4    | S29 AND S33  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/05 13:23 |
| S35 | 1    | ("4787997").PN.  | USPAT                        | OR | OFF | 2006/01/05 13:23 |